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[REDACTED]

17 November 1970

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MEMORANDUM FOR: Chief, DIAXX-2

ATTENTION : [REDACTED] for transmittal to PADAF

SUBJECT : Interpretation of AAA Gun Park, North Korea

REFERENCE : NPIC Project 250938

1. In response to a PADAF requirement, the AAA pieces near the North Korean DMZ were restudied and remeasured. NPIC confirms the original interpretation as cited in NPIC message (SUPIR 9494), 061211Z October 1970. Thirty-five 57/85mm and five ZPU-4 AAA pieces were identified.

2. The SR 71 mensuration program was used the first time the objects were measured. This method utilizes INS parameters directly. Crosstrack and intrack dimensions (those over 2,000 meters) agreed with [REDACTED]. For the reexamination, the [REDACTED] program was used. This method determines geographic coordinates derived from [REDACTED] photography of evenly distributed points on the frame. From these coordinates the program determines the actual camera station. The method is independent of the INS data, but resultant camera station was consistent with the INS-derived camera station. Crosstrack and intrack dimensions over long distances again agreed with [REDACTED] distances to within [REDACTED]. The camera station was almost directly above the target. The camera recorded [REDACTED] of roll, but the vehicle recorded [REDACTED] of roll. Thus, actual roll was 5 degrees or less. The vehicle pitch was about [REDACTED]. After the parameter values were determined the photo interpreter pointed at least one of each type of object. The measurements using the [REDACTED] program agreed with those obtained using the SR 71 program.

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3. The AT-S tracked prime mover used for determining scale in the initial mensuration was not used in the second exercise. The vehicle in question was seen on [redacted] and is in an artillery installation approximately 1 nautical mile north of the AAA gun park.

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[redacted]
[redacted] This project is considered to be complete.

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Chief, Imagery Exploitation Group
NPIC

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